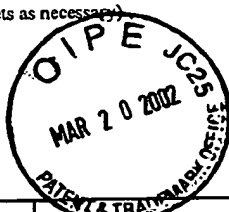


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Substitute for Form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/980,804	
			Filing Date	December 3, 2001	
			First Named Inventor	Laszlo Otvos	
			Group Art Unit	1653	
			Examiner Name	H. Robinson	
Sheet	1	of	3	Attorney Docket Number	WST91BUSA



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		Number	Kind Code <sup>2</sup> (if known)			
✓	AA	5,874,411	B1	O. Srivastava	02/23/1999	X
↓	AB	6,127,336	B1	P. Bulet	10/03/2000	
✓	AC	6,331,522	B1	P. Bulet	12/18/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
✓	AL	WO	WO94/05787	A1	P. Bulet	03/17/1994		
	AM	EP	352,014	A2	J. Rivier	01/24/1990		
	AN	WO	WO99/05270	A2	D. Destoumieux	02/04/1999		
	AO	WO	WO97/30082	A2	P. Bulet	08/21/1997		
✓	AP	FR	2,732,345	A1	P. Bulet	10/04/1996		

Examiner Signature	<i>H. Robinson</i>	Date Considered	5/12/05
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit	1653	
				Examiner Name	H. Robinson	
Sheet	2	of	3	Attorney Docket Number		WST91BUSA



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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)				
HA	AQ	FR	2,695,392	A1	P. Bulet	03/11/1994		
	AAL	FR	2,733,237	A1	P. Bulet	10/25/1996		
	AAM	WO	WO98/40401	A3	J. Fraser	09/17/1998		

Examiner Signature	H. Robinson	Date Considered	5/12/05
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			Filing Date	December 3, 2001
			First Named Inventor	Laszlo Otvos
			Group Art Unit	1653
			Examiner Name	H. Robinson
Sheet	3	of	Attorney Docket Number WST91BUSA	



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AR		R. HOFFMANN et al, "Range of Activity and Metabolic Stability of Synthetic Antibacterial Glycopeptides from Insects", Biochimica et Biophysica Acta, 1426:459-467 (February, 1999)		
AS		A. MCMANUS et al, "Conformational Studies by NMR of the Antimicrobial Peptide, Drosocin, and its Non-Glycosylated Derivative: Effects of Glycosylation on Solution Conformation", Biochemistry, 38(2):705-714 (1999)		
AT		P. BULET et al, "Enlarged Scale Chemical Synthesis and Range of Activity of Drosocin, an O-glycosylated Antibacterial Peptide of Drosophila", Eur. J. Biochem., 238:64-69 (1996)		
AU		P. BULET et al, "A Novel Inducible Antibacterial Peptide of Drosophila Carries an O-Glycosylated Substitution", J. Biol. Chem., 268(20):14893-14897 (July, 1993)		
AV		S. COCIANCICH et al, "Novel Inducible Antibacterial Peptides from a Hemipteran Insect, the sap-sucking bug Pyrrhocoris apterus", Biochem. J., 300:567-575 (1994)		
AW		D. HULTMARK, "Immune Reactions in Drosophila and Other Insects: A Model for Innate Immunity", Trends Genet., 9(5):178-183 (May, 1993)		
AX		J. GILLESPIE et al, "Biological Mediators of Insect Immunity", Annu. Rev. Entomol., 42:611-643 (1997)		
AY		L. OTVOS et al, "Insect Peptides with Improved Protease-Resistance Protect Mice Against Bacterial Infection", Protein Science, 9:742-749 (2000)		

Examiner Signature	<i>[Signature]</i>	Date Considered	5/12/05
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	09/980,804
Filing Date	December 3, 2001
First Named Inventor	Otvos
Art Unit	1653
Examiner Name	Hope A. Robinson
Attorney Docket Number	WST91BUSA

Sheet	1	of	3
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## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
JK	AAN	WO-00/78956	12-28-2000	Otvos	X	
	AAO	WO-93/14118	07-22-1993	Juraj		
	AAP	WO-96/36707	11-21-1996	Muller		
	AAQ	WO-96/40928	12-19-1996	Hamel		

Examiner Signature	<i>[Signature]</i>	Date Considered	12/20/04
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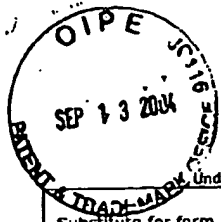
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>	
		Application Number	09/980,804
		Filing Date	December 3, 2001
		First Named Inventor	Otvos
		Group Art Unit	1653
		Examiner Name	Hope A. Robinson
Sheet 2 of 3	Attorney Docket Number	WST91BUSA	

NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
HA	BBT	ADCOCK et al., "Methicillin-Resistant Staphylococcus Aureus in Two Child Care Centers", <i>Journal of Infectious Diseases</i> , August 1998, 178: 577-580	
	BBU	ANDREU et al., "Animal Antimicrobial Peptides: An Overview", <i>Biopolymers (Peptide Science)</i> , May 1998, 47: 415-433	
J	BBV	BULET et al., "Antimicrobial peptides in insects; structure and function", <i>Dev. Comp. Immunol.</i> , Jun-Jul 1999, 23(4-5):329-344	
	BBW	CASTEELS et al., "Apidaecin-Type Peptide Antibiotics Function Through a Non-Poreforming Mechanism Involving Stereospecificity", <i>Biochemical and Biophysical Research Communications</i> , February 1994, 199(1): 339-345	
	BBX	CASTLE et al., "Lethal Effects of Apidaecin on Escherichia coli Involve Sequential Molecular Interactions with Diverse Targets", <i>Journal of Biological Chemistry</i> , November 1999, 274(46): 32555-32564	
J	BBY	COCIANCICH et al., "The inducible antibacterial peptides of insects", <i>Parasitol. Today</i> , April 1994, 10(4):132-139	
	BBZ	GIGLIONE et al., "Peptide Deformylase as a Target for New Generation, Broad Spectrum Antimicrobial Agents", <i>Molecular Microbiology</i> , June 2000, 36(6): 1197-1205	
	CR	KABSCH et al., "Dictionary of Protein Secondary Structure: Pattern Recognition of Hydrogen-Bonded and Geometrical Features", <i>Biopolymers</i> , December 1983, 22: 2577-2637	
✓	CS	LIANG et al., "Not Only the Nature of Peptide but Also the Characteristics of Cell Membrane Determine the Antimicrobial Mechanism of a Peptide", <i>Journal of Peptide Research</i> , May 1999, 53(5): 518-522	

Examiner Signature	Hope Robinson	Date Considered	12/20/04
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	3	of	3	Attorney Docket Number	WST91BUSA
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### Complete If Known

Application Number	09/980,804
Filing Date	December 3, 2001
First Named Inventor	Otvos
Group Art Unit	1653
Examiner Name	Hope A. Robinson
Attorney Docket Number	WST91BUSA

### NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	CT	MAGUIRE et al., "Clinical Experience and Outcomes of Community-Acquired and Nosocomial Methicillin-Resistant Staphylococcus Aureus in a Northern Australian Hospital", <i>Journal of Hospital Infection</i> , April 1981, 38: 273-281	
	CU	MOELLERING, "Emerging Resistance with Gram-Positive Aerobic Infections: Where Do We Go From Here?", <i>Clinical Infectious Diseases</i> , May 1998, 26: 1177-1178	
	CV	OTVOS et al., "Interaction Between Heat Shock Proteins and Antimicrobial Peptides", <i>Biochemistry</i> , March 2000, 39(46): 14150-14259	
	CW	PARK et al., "Mechanism of Action of the Antimicrobial Peptide Bufenin II: Bufenin II Kills Microorganisms by Penetrating the Cell Membrane and Inhibiting Cellular Functions", <i>Biochemical and Biophysical Research Communications</i> , March 1998, 244(1): 253-257	
	CX	SPATOLA, "Peptide Backbone Modifications: A Structure-Activity Analysis of Peptides Containing Amide Bond Surrogates", <i>Chemistry and Biochemistry of Amino Acids, Peptides and Proteins</i> , 1982, Vol. 7, Chapter 5, pp. 267-357, Weinstein, Ed., Marcel Dekker, Inc., New York, New York	
	CY	STEPHEN et al., Direct Submission, Database NCBI, Accession No. Q56073, November 1997	
	CZ	TAN et al., "Molecular Strategies for Overcoming Antibiotic Resistance in Bacteria", <i>Molecular Medicine Today</i> , August 2000, 6: 309-314	
	CCR	TOMASZ, "Multiple-Antibiotic-Resistant Pathogenic Bacteria - A Report on the Rockefeller University Workshop", <i>New England Journal of Medicine</i> , April 1994, 330(17): 1247-1251	
	CCS	WANG et al., "NMR Solution Structure of the 21 kDa Chaperone Protein DnaK Substrate Binding Domain: A Preview of Chaperone-Protein Interaction", <i>Biochemistry</i> , May 1998, 37(22): 7929-7940	
	CCT	ZHU et al., "Structural Analysis of Substrate Binding by the Molecular Chaperone DnaK", <i>Science</i> , June 1996, 272(5268): 1606-1619	
✓	CCU	European Office Action from corresponding European Patent Application No. 00946829.9, dated March 19, 2004	

Examiner Signature		Date Considered	12/20/04
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<b>Filing Date</b>	December 3, 2001
<b>First Named Inventor</b>	Otvos
<b>Group Art Unit</b>	1653
<b>Examiner Name</b>	Hope A. Robinson
<b>Attorney Docket Number</b>	WST91BUSA

Sheet	1	of	1
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		Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

**Examiner Signature**

Jose Johnson

**Date  
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5/11/05

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